SHIREY, V.A.; BURKOV, V.A.

Compiling atlases of currents for regions with a composite
character of tides.   Trudy GOIN   no.40:18-23   '57. (MIRA 10:7)
(Ocean currents)

KUZNETSOV, A.I.; SHIREY, V.A.

The EBTZ-56 electrothermosonde. Trudy Inst. okean. 35:65-70 '59.
(MIRA 13:3)

(Ocean temperature) (Thermometers)

SHIREY, V.A., otv. red.; BEKLEMISHEV, K.V.; red.; KOBLENTS-MISHKE, O.I., red.

[Materials on oceanographic research; research ship "Vitiaz'": Pacific Ocean, October 1958 – March 1959] Materialy okeanologicheskikh issledo-vanii; ekspeditsionnoe sudno "Vitiaz'": Tikhii okean, oktiabr' 1958 g. – mart 1959 g. Moskva. No.5. [Plankton] Plankton. 1961. 161 p.
(MIRA 14:11)

1. Akademiya nauk SSSR. Institut okeanologii.
    (Pacific Ocean—Plankton)

SHIREY, V.A., otv. red.; SKORNYAKOVA, N.S., red.

[Materials on oceanographic research; research ship "Vitias'"; Pacific Ocean, October 1958 - March 1959] Materialy okeanologicheskikh issledo-vanii; ekspeditsionnoe sudno "Vitias'"; Tikhii okean, oktiabr' 1958 g. - mart 1959 g. Moskva. No.4. [Bottom sediments] Donnye otlozheniia. 1961. 41 p.

(MIRA 14:11)

1. Akademiya nauk SSSR. Institut okeanologii.
    (Pacific Ocean--Sediments (Geology))

SHIREY, V.A., red.

[Materials on oceanographic research; research ship "Vitiaz'": Pacific
Ocan, October 1958 - March 1959] Materialy okeanologicheskikh issledo-
vanii; ekspeditsionnoe sudno "Vitiaz'": Tikhii okean, oktiabr' 1958 g. -
mart 1959 g. Moskva. No.3. [Temperature, currents, waves] Temperatura,
techeniia, volnenie. 1961. 214 p.   (MIRA 14:11)

1. Akademiya nauk SSSR. Institut okeanologii.
   (Pacific Ocean—Ocean temperature) (Pacific Ocean—Ocean currents)
                (Pacific Ocean—Waves)

SHIREY, V.A., otv. red.; SMETANIN, D.A., red.

[Materials on oceanographic research; research ship "Vitiaz'":
Pacific Ocean, October 1958 - March 1959] Materialy okeanologiche-
skikh issledovanii; ekspeditsionnoe sudno "Vitiaz'": Tikhii okean,
oktiabr' 1958 g. - mart 1959 g.Moskva. Nos.1-2.[Hydrology, hydro-
chemistry] Gidrologiia, gidrokhimiia. 1961. 226 p.   (MIRA 14:11)

1. Akademiya nauk SSSR. Institut okeanologii.
   (Pacific Ocean—Ocean temperature) (Pacific Ocean—Sea water—Density)
                  (Pacific Ocean—Sea water—Composition)

SHIREY, V.A.

SHIREY, V.A.

      Methods of observing currents by the use of anchored buoys.
      Meteor. i gidrol. no.9:48-50 S '61.   (MIRA 14:8)
         (Buoys) (Ocean currents)

SHIREY, V.A.

Hydrological conditions in the northeastern part of the Pacific
Ocean during the summer and winter of 1958-59. Trudy Inst.okean.
45:86-97 '61.   (MIRA 15:2)

(Pacific Ocean--Hydrology)

L   1   S6   C   EWT(1)/EWT(m)/EWA(h)   MJW/GW
A E SION NR   AR-046165   S/0169/64/000/008/V004/V00

SOURCE: Ref zh. Geofizika, Abs. 8V30

AUTHOR: Shirey, V. A.

TITLE: Investigation of oceanic circulation by the tagged cloud method

CITED SOURCE: Sb. Radioaktivn. zagryaznennost' morey i okeanov. M., Nauka, 1964, 197-198

TOPIC TAGS: oceanic circulation, radioactive contamination, oceanic turbulent
            ... ... m is type gamma photon radiometer

TRANSLATION: Only isotopes producing gamma radiation can be used as tracers for
          ... circulation and turbulent diffusion at great depths. This is due to
          ...   gamma ...   ... by radiometers with a house having
    ...   adequate ... ... In addition, the isotope used should
    ... ... short half-life in order to decrease the time for which it
    ... ... the water. The most suitable isotopes are Rb^{84} (with a half-life of
      ... and Rb^{84} (half-life of 18.66 days). In the work it is necessary to en-
    ... ... transmission of signals from detected isotopes directly to shipboard. Up

Card 1/2

L 13756-65
ACCESSION NR: AR4046165   3

a depth of 500 m this is accomplished by cable; at greater depths it is most
means of use a radiometer having provision for acoustic transmission of signals
such an apparatus has been developed at the Institut geokhimii i
Institute of Geochemistry and Analytical Chemistry). The
was developed the Institut okeanologii (Institut of
described briefly. B. G.

SHIRGAL, G., doktor, inzh.

Brickmaking plant with high labor productivity. Stroi.mat. 3
no.11:33-35 N '57.   (MIRA 10:12)

1.Sotrudnik Instituta stroitel'nykh materialov v g. Brno,.
Chekhoslovakiya.
                (Gottwaldov, Czechoslovakia--Brickmaking)

SHIRGALEYEV, Z.Sh. (Salavat)

Eccentric key. Mash. i neft. obor. no.4:34 '63. (MIRA 17:8)

L 10034-63 ,   EPR/EPA(b)/EWT(1)/EPF(n)-2/EWG(k)/BDS/T-2/ES(w)-2--
AFFTC/ASD/ESD-3/AFWL/SSD--Ps-4/Pd-4/Pu-4/Pz-4/Pab-4--RW/AT/LJP(C)
ACCESSION NR: AR3000351   S/0058/63/000/004/G005/G006

SOURCE: RZh. Fizika, Abs. 4G36

AUTHOR: Shirikadze, D. V.

TITLE: Two-dimensional nonstationary flow of incompressible viscous electrically conducting liquid near the critical point in a magnetic field

CITED SOURCE: Tr. Tbilissk. un-ta, v. 84, 1961 (1962 193-201)

TOPIC TAGS: magnetohydrodynamics, tow-dimensional

TRANSLATION: The problem is considered of the two-dimensional non-stationary flow of a conducting viscous incompressible liquid on an infinite plane, with the liquid acted upon by an external parallel magnetic field perpendicular to the plane, and the flow in the vicinity of the critical point is determined. A system of integral equations is obtained for the determination of the velocity and of the induced magnetic field, which can be solved by successive approximations. Bibliography, 5 titles. V. Karmazin

Card 1/2/

AUTHOR: Shirikhin, N.M., Technician   SOV/91-58-3-13/28

TITLE: Experience Acquired in Operating the SEU-4 Electrolytic System (Opyt
                ekspluatatsii elektroliznoy ustanovki tipa SEU-4) Exchange of
                Experience (Obmen opytom)

PERIODICAL: Energetik, 1958, Nr 3, pp 18-20 (USSR)

ABSTRACT: The author lists the deficiencies of the electrolytic outfit
                SEU-4. He especially stresses the fact that the pipes con-
                ducting hydrogen into receivers used to freeze in winter.
                Then he describes and illustrates changes introduced into the
                system to eliminate the drawbacks of the old arrangements.
                The gas pipe was packed into 210 coils of a PR-2.5 sq mm wire,
                fed by 24 V AC current. A special ramp (with 2 collectors)
                for connecting the receivers and the gas-piping of the ge-
                nerators with electrolytic equipment proved especially ad-
                vantageous.
                There is 1 photo and 1 circuit diagram.

Card 1/1

SHIRIKOV, P.

> It depends on you, activist. Sov. profsoiuzy 18 no.3:34 ?
> '62.   (MIRA 15:3)
>
> 1. Sekretar' Vologodskogo soveta profsoyuzov.
>   (Vologda Province--Community centers)

VOLODARSKIY, A.F.; ARONOV, V.I.; D'YAKONOV, Ye.G.; SHIRIKOV, V.P.;
        FEDYNSKIY, V.V., doktor fiz.-mat. nauk, prof., red.;
        ZARETSKAYA, A.I., ved. red.; BASHMAKOV, G.M., tekhn. red.

        [Use of electronic calculating machines to interpret gravity
        and magnetic fields]Primenenie elektronno-schetnykh mashin dlia
        interpretatsii gravitatsionnykh i magnitnykh polei. Pod red.
        V.V.Fedynskogo. Moskva, Gostoptekhizdat, 1962. 74 p.
                                            (MIRA 15:9)
        (Electronic calculating machines) (Gravity)
                (Magnetic anomalies)

L 16653-65   EWT(d)   Pg-4   IJP(c)

ACCESSION NR: AP4045706

S/0208/64/004/005/0804/0816

AUTHOR: Zhidkov, Ye. P.; Shirikov, V. P.

TITLE: On one boundary-value problem for second order ordinary differential equations

SOURCE: Zhurnal vy*chislitel'noy matematiki i matematicheskoy fiziki, v. 4, no. 5, 1964, 804-816

TOPIC TAGS: boundary value problem, second order differential equation, ordinary differential equation, Thomas Fermi equation, Cauchy problem

ABSTRACT: The qualitative behavior of solutions of two boundary-value problems important in mathematical physics

$$ y'' + \frac{2}{z} y' - y + y^n = 0, \qquad n > 0, \quad z > 0. \qquad (\cdot) $$

$$ y(0) = y_* < \infty, \qquad y'(0) = 0, \quad y(\infty) = 0, $$

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L 16653-65
ACCESSION NR: AP4045706

and

$$\eta'' = \eta - \frac{\eta^n}{z^{n-1}}, \qquad n > 0, \quad z \geqslant 0, \tag{2}$$

$$\eta(0) = 0, \quad \eta'(0) = \alpha < \infty, \quad \eta(\infty) = 0,$$

where y_0 and α are unknown positive parameters in studied. It is proved that when $0 < h \leq 1$, problems (1) and (2) have no positive solutions. When $n > 1$, problem (1) is substituted by an equivalent one. It is proved that for any $\alpha > 0$ and $n > 1$, there exists a unique solution, continuously dependent on α, of the Cauchy problem for an equivalent equation under certain initial conditions defined for all $x > 0$. In the case of $1 < h \leq 3$, it is proved that boundary value problem (1) and (2) have at least one positive solution for any n. The graph of the solution of boundary-value problem (1) for the case $n = 3/2$ (generalized Thomas-Fermi equation) is presented. Orig. art. has: 25 formulas.

ASSOCIATION: none

Card 2/3

L 16653-65

ACCESSION NR: AP4045706

SUBMITTED: 10Jun63   ENCL: 00   SUB CODE: MA

NO REF SOV: 003   OTHER: 006

Card 3/3

L00814-66   EWT(d)   IJP(c)
ACCESSION NR: AP5020821   UR/0020/65/163/004/0834/0836

AUTHOR: Shirikov, V. P.

TITLE: Cauchy problem and boundary value problem for certain nonlinear ordinary differential equations of second order

SOURCE: AN SSSR. Doklady, v. 163, no. 4, 1965, 834-836

TOPIC TAGS: differential equation, Cauchy problem, boundary value problem, stability

ABSTRACT: The author considers

$$y'' + \frac{2}{x}y' - y + y^n = 0, \quad n > 1, \quad x \geqslant 0; \qquad (1)$$

$$y(0) = y_0 < \infty, \quad y'(0) = 0, \quad y(\infty) = 0, \qquad (2)$$

$$\eta' = \eta - \frac{\eta^n}{x^{n-1}}, \quad n > 1, \quad x > 0; \qquad (3)$$

$$\eta(0) = 0, \quad \eta'(0) = a < \infty, \quad \eta(\infty) = 0; \qquad (4)$$

$$z'' + \frac{2}{x}z' - z + |z|^{n-1}z = 0, \quad n > 1, \quad x > 0; \qquad (5)$$

$$z(0) = z_0 < \infty, \quad z'(0) = 0, \quad z(\infty) = 0, \qquad (6)$$

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L 00014-66
ACCESSION NR: AP5020821

and proves the following three theorems. Theorem 1. For any positive integer i (i = 0,1,2,...) and any n = $(2p + 1)/(2q + 1)$ (p and q are natural numbers), $1 < n < 4$, there exist solutions $y = y_i(x)$, $\eta = \eta_i(x)$ of problems (1)-(2) and (3)-(4) having precisely i zeros on the interval $0 < x < \infty$. Problem (5)-(6) has solution $z = z_i(x)$ with i zeros on the interval $0 < x < \infty$ for any real $n > 1$, $n < 4$. Theorem 2. Any solution of problems (1)-(2), (3)-(4) and (5)-(6) is Lyapunov-stable. Theorem 3. Problems (1)-(2), (3)-(4), and (5)-(6) do not have nontrivial solutions if $n \geq 5$. Any solution $y = y(x)$, $z = z(x)$ of equations (1) and (5) under the conditions $y(0) > 0$, $y'(0) = 0$ and $z(0) > 0$, $z'(0) = 0$ oscillates near the lines $y = 1$ and $z = 1$, remaining positive. Any solution $\eta = \eta(x)$ of equation (3) under the condition $\eta(0) = 0$ and $\eta'(0) > 0$ oscillates near the line $\eta = x$, remaining positive. "The author expresses his deep gratitude to Ye. P. Zhidkov for his continual attention to this work and for his discussions." Orig. art. has: 6 formulas.

ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy (United Institute of Nuclear Research)

SUBMITTED: 07Jan65   ENCL: 00   SUB CODE: MA

NO REF SOV: 001   OTHER: 002
Card 2/2

[illegible author line]

...ic... position and boundary value problem for certain nonlinear
ordinary differential equations of the second order. Dokl. AN
...R 163 no.1:332-335 Jl '65.   (MIRA 18:8)

1. Kievskiy institut narodnogo khozyaystva. Submitted January
12, 1965.

VAN NAY-YAN' [Wang Nai-yen]; VIZI, I.; YEFIMOV, V.N.; KARZHAVINA, E.N.;
KIM KHI SAN; POPOV, A.B.; PIKEL'NER, L.B.; PSHITULA, M.I.;
STADNIKOV, T.; CHEN LIN-YAN'; CHARAPOV, E.I.; SHELONTSEV, I.I.;
SHIRIKOVA, N.Yu.; YAZVITSKIY, Yu.S.;

Neutron resonances in Rh^{103}. Zhur. eksp. i teor. fiz. 45
no.6:1743-1753 D '63.
(MIRA 17:2)

1. Ob"yedinennyy institut yadernykh issledovaniy.

LEVI, G.S.; SHIRIL', Ye.M.; LEYBOVICH-MIRONENKO, A.A.; SUKMANSKIY, Ye.I.

Gastrointestinal diseases in children caused by intestinal bacilli of pathogenic serotypes. Vop. okh. mat. i det. 6 no.10:94 0 '61.
(MIRA 14:11)

1. Iz kafedry gospital'noy pediatrii Odesskogo meditsinskogo instituta imeni N.I.Pirogova i Detskoy klinicheskoy bol'nitsy.
(ESCHERICHIA COLI)   (INTESTINES—DISEASES)

68-9-14/15

AUTHORS: Shirin, I.T. and Kuz'menkov, A.A.

TITLE: From Experience in the Control of Pitch Coke-Ovens on the N.Tagilsk Metallurgical Combine (Iz opyta regulirovaniya pekokoksovoy batarei N.-Tagil'skogo Metallurgicheskogo Kombinata)

PERIODICAL: Koks i Khimiya, 1957, Nr 9, p.61 (USSR)

ABSTRACT: Modifications in the design of burners for the end heating flues (Fig.1), which improved the mixing of gas and air in three flues, are described. There are 2 figures.

ASSOCIATION: Teplotekhstantsiya.

AVAILABLE: Library of Congress.

Card 1/1

SHIRIN, P.K., kandidat tekhnicheskikh nauk; KONYUSHKOV, A.M., kandidat
tekhnicheskikh nauk, redaktor; VORONIN, K.P., tekhnicheskiy redaktor

[Steel mains; organization and laying] Magistral'nye stal'nye trubo-
provody; organizatsiia i proizvodstvo rabot. Izd. 2-oe, dop. i perer.
Moskva, Gos.izd-vo lit-ry po stroit. i arkhit.,   1951. 207 p.
            (Pipelines)   (MLRA 10:9)

SHIRIN, P.K., kandidat tekhnicheskikh nauk; SKOPIN, G.A., nauchnyy sotrudnik; BUDAKOV, S.V., nauchnyy sotrudnik; PERELYGIN, G.M., redaktor izdatel'stva; GUSEVA, S.S., tekhnicheskiy redaktor

[Standard flowsheets for finishing work] Tipovye tekhnologicheskie karty po otdelochnym rabotam. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 135 p.
(MIRA 10:2)

1. Moscow, Nauchno-issledovatel'skii institut organizatsii i mekhanizatsii stroitel'stva.
    (Building)

SHIRIN, P.K., kand.tekhn.nauk, nauchnyy red.; BEGAK, B.A., red.; TOKER, A.M.,red.

[Plans for over-all mechanization of construction work] Skhemy kompleksnoi mekhanizatsii stroitel'nykh rabot. Moskva, Gos.izd-vo lit-ry po stroit.i arkhit. No.2, section 9. [Installation of main pipelines] Sooruzhenie magistral'nykh truboprovodov. 1957. 51 p.
(MIRA 11:1)

1. Akademiya stroitel'stva i arkhitektury SSSR. Nauchno-issledovatel'skiy institut organizatsii i mekhanizatsii stroitel'stva.
(Water pipes)

UTENKOV, V.F., kand.tekhn.nauk; NAUMOV, A.A., tekhnik; SHIRIN, P.K.,
    kand.tekhn.nauk; SOVALOV, I.G., kand.tekhn.nauk, red.; KURITS,
A.P., red.izd-va; EL'KINA, E.M., tekhn.red.

[Instructions for concrete and reinforced concrete work in
industrial and civilian construction under winter conditions]
Instruktsiia po proizvodstvu betonnykh i zhelezobetonnykh rabot
v promyshlennom i grazhdanskom stroitel'stve v zimnikh usloviiakh.
Izd.3-e, ispr.i dop. Moskva, Gos.izd-vo lit-ry po stroit.i
arkhit., 1957. 89 p.   (MIRA 11:1)

1. Akademiya stroitel'stva i arkhitektury SSSR. Nauchno-issledovatel'skiy
institut organizatsii i mekhanizatsii stroitel'stva.
        (Concrete construction--Cold weather conditions)

SHIRIN, Pavel Kuz'mich, kand.tekhn.nauk; VANIN, V.I., inzh. nauchnyy red.;
SMIRNOVA, A.P., red.izd-va; MEL'NICHENKO, P.P., tekhn.red.

[Organization and labor productivity in construction of water
supply and drainage systems] Organizatsiia i proizvodstvo rabot po
stroitel'stvu setei i sooruzhenii vodosnabzheniia i kanalizatsii.
Moskva, Gos.izd-vo lit-ry po stroit. i arkhit., 1957. 206 p.
          (Sanitary engineering)   (MIRA 11:2)

SHIRIN, P.K., kandidat tekhnichoskikh nauk, redaktor; PEVZNER, A.S., redaktor
izdatel'stva; TOKER, A.M., tekhnicheskiy redaktor

[Technical specifications for production and inspection of
construction and installation work] Tekhnicheskie usloviia na
proizvodstvo i priemku stroitel'nykh i montazhnykh rabot. Izd.
3-e, ispr. i dop. Moskva, Gos.izd-vo lit-ry po stroit. i arkhit.
Sections 1-10. 1957. 481 p.   (MLRA 10:8)

1. Russia (1923-   U.S.S.R.) Gosudarstvennyy komitet po delam
stroitel'stva.
          (Building)

SHIRIN, P., kandidat tekhnicheskikh nauk.

Important conditions for the organization and mechanization
of residential building. Gor. i sel'.stroi. no.6:9-11 Je '57.
(MIRA 10:10)

(Building)

SHIRIN, P.K. (Moskva); POVERENNYY, L.D. (Moskva); KAMENEV, M.O. (Moskva);
BARCH, I.Z., inzh. (Khar'kov); PUSHKAREV, V.V. (Novosibirsk);
BALABAN, A.I. (Khar'kov); DZHIOYEV, I.M. (Khar'kov); RUBINSHTEYN,
M.Z. (Khar'kov); RYABCHICH, V.F. (Magnitogorsk); SOLOVAROV, K.N.,
(Kazan'); KHODOROVSKAYA, O.R. (Khar'kov); NEFEDOV, Ye.M. (Leningrad).

Discussion on plans and regulations for the organization and the
technology of building. Stroi. prom. 35 no.12:5-20 D '57.
            (Architecture—Designs and plans)   (MIRA 11:1)
                (Construction industry)

SHIRIN, P.K., kand.tekhn.nauk; SKOPIN, G.A., nauchnyy sotrudnik; Prinimali uchastiye: ANTONOV, V.I., inzh.; ZELENIN, S.S., inzh.; BOGUSHEVICH, Ye.N., inzh.; KLIMOVA, G.D., red.izd-va; GOL'BERG, T.M., tekhn.red.

[Norms BN-1-60 for drawing-up plans for the organization of construction] Raschetnye normativy dlia sostavleniia proektov organizataii stroitel'stva BN-1-60. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1960. 98 p.

(MIRA 13:12)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu.
2. Rukovoditel' Sektora organizatsii promyshlennogo stroitel'stva i tekhnologii proizvodstva rabot Nauchno-issledovatel'skogo instituta organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu (for Shirin). 3. Otdel ekonomiki i organizatsii stroitel'stva Gosstroya SSSR (for Antonov, Zelenin, Bogushevich).

(Construction industry)

SHIRIN, P.K., kand.tekhn.nauk; SHAKHPARONOV, V.V., inzh.

Experience in organizing the construction of a new-type industrial
building. Prom. stroi. 39 no.3:9-11 '61.   (MIRA 14:4)
            (Factories—Design and construction)

BOGUSHEVICH, Ye.N., inzh., red.; PAVLOV, S.M., inzh., red.; SHIRIN,
P.K., kand. tekhn. nauk, red.; STRASHNYKH, V.P., red.izd-
va; SHEVCHENKO, T.N., tekhn. red.

[Construction specifications and regulations] Stroitel'nye
normy i pravila. Moskva, Gosstroiizdat. Pt.3. Sec.A. ch.6.
[Basic principles for organizational and technical prepara-
tion for building (SNiP III-A.6-62)] Organizatsionno-
tekhnicheskaia podgotovka k stroitel'stvu; osnovnye polozhe-
niia (SNiP III-A. 6-62). 1963. 11 p.   (MIRA 16:6)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam
stroitel'stva. 2. Gosstroy SSSR (for Bogushevich). 3. Mezhdu-
vedomstvennaya komissiya po peresmotru stroitel'nykh norm i
pravil (for Pavlov). 4. Nauchno-issledovatol'skiy institut
organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stro-
itel'stvu Akademii stroitel'stva i arkhitektury SSSR (for
Shirin).
         (Building, Stone)   (Construction industry)

USPENSKIY, V.V., kand. ekon. nauk, red.; PAVLOV, S.M., inzh., red.;
    SHIRIN, P.K., doktor tekhn. nauk, red.

    [Construction specifications and regulations] Stroitel'nye
    normy i pravila. Moskva, Stroiizdat. Pt.3. Sec.A.Ch.2.
    [Industrialization of construction; basic regulations] In-
    dustrializatsiia stroitel'stva; osnovnye polozheniia
    (SNiP III-A.2-62). 1964. 9 p.   (MIRA 17:10)

    1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po de-
    lam stroitel'stva. 2. Gosstroy SSSR (for Uspenskiy).
    3. Mezhduvedomstvennaya komissiya po peresmotru Stroitel'-
    nykh norm i pravil (for Pavlov). 4. Nauchno-issledovatel'skiy
    institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi
    stroitel'stvu (for Shirin).

KOVAL'CHUK, M.F., inzh., red.[deceased]; BALDIN, V.A., red.;
TUBIN, S.M., kand. tekhn. nauk, red.; LAUT, M.Ya., inzh.
red.; LARIONOV, A.A., inzh., red.; BALIKHIN, M.I., red.;
BOGUSHEVICH, Ye.N., inzh., red.; PAVLOV, S.M., inzh.,
red.; SHIRIN, F.K., kand. tekhn. nauk, red.

[Construction specifications and regulations] Stroitel'-
nye normy i pravila. Moskva. Gosstroiizdat. Pt.2. Sec.V.
Ch.3.; Pt.3. Sec. A. Ch.5-6.   (MIRA 18:1)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po
delam stroitel'stva. 2. Gosstroy SSSR (for Koval'chuk,
Larionov, Bogushevich). 3. Chlen-korrespondent Akademii
stroitel'stva i arkhitektury SSSR (for Baldin). 4. TSen-
tral'nyy nauchno-issledovatel'skiy institut stroitel'nykh
konstruktsiy Akademii stroitel'stva i arkhitektury SSSR
(for Tubin). 5. Gosudarstvennyy institut po proyektirova-
niyu, issledovaniyu i ispytaniyu stal'nykh konstruktsiy i
mostov (for Laut). 6. Mezhduvedomstvennaya komissiya po
peresmotru Stroitel'nykh norm i pravil(for Balikhin, Pavlov).
7. Nauchno-issledovatel'skiy institut organizatsii, mekhani-
zatsii i tekhnicheskoy pomoshchi stroitel'stvu Akademii
stroitel'stva i arkhitektury SSSR (for Shirin).

SHIRIN, V.N., referent

Continuous, five-high iron sheet rolling mill [from "Blech,"
no.7, 1960; "Stahl und Eisen," no.14, 1960]. Biul. TSIICM
no.1:56 '61.   (MIRA 14:9)
          (Germany, West—Rolling mills)

26487

S/125/61/000/009/012/014

D040/D113

1.2310   1573 also 1413, 1496

AUTHORS: Ksendzyk, V.G.; Subbotovskiy, V.P.; Shirin, V.S.

TITLE: Preparation of bimetal billets for merchant shapes using
              electro-slag facing with a wide electrode

PERIODICAL: Avtomaticheskaya svarka, no. 9, 1961, 70-81

TEXT: The Institut elektrosvarki im. Ye.O.Patona   (Electric Welding In-
stitute im. Ye.O.Paton) has developed a new method for cladding metal bil-
lets with wear-resistant metal prior to final rolling into merchant bar
stock. The essence of the method consists in preparing a groove on steel bil-
lets, e.g. blooms by rolling, and filling the groove with other metal using
the electro-slag process. The arrangement is shown in a diagram (Fig.1).
The shoe remains immobile, the billet is moved continually past the shoe,
and a massive wide electrode is fed downward. The shoe is sealed by locks,
or by graphite (Fig.2) to prevent metal and slag from running out. Only
slight bath level fluctuations are permissible, the bloom must move with a
speed matching the groove filling. An automatic control system (Fig.3)
moves a carriage with the bloom on. The drive for driving the carriage is

Card 1/5

Preparation of bimetal billets ....

fitted with an electrodynamic amplifier, and a feeler in the shoe reacts to
the approach of liquid bath level and changes current in the amplifier ex-
citation winding to speed up the carriage. The system is controlled by a
voltmeter, a control tube and a rheostat on the control board. The elec-
trode is fed automatically. Three advantages of the method are pointed out:
(1) High productivity of the process due to strong current used. (2) Mas-
sive square or round electrodes can be used, and they are cheaper than elec-
trode wire, powder wire, ceramic flux etc. (3) Cladding sheets in inclined
position is possible with a comparatively simple arrangement, and short
electrode that can be used are easy to guide accurately. There are 3 fig-
ures.

ASSOCIATION: Ordena Trudovogo Krasnego Znameni Institut elektrosvarki im.
               Ye.O.Patona AN USSR (Electric Welding Institute "Order of the
               Red Banner of Labor" im. Ye.O.Paton,AS UkrSSR)

SUBMITTED: May 22, 1961

Card 2/5

SHIRIN-EYNGORN, V. N.

"Investigation of the Seat of Deformation in Continuous Bending of a Strip."
Sub 17 May 51, Moscow Order of the Labor Red Banner Inst of Steel imeni I. V. Stalin

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55

ACCESSION NR: AP4024552   S/0197/64/000/001/0059/0062

AUTHORS: Artyukh, M.; Fateyev, V.; Zhiv, V.; Shirin, Yu.

TITLE: The effect of monoamineoxidase inhibitors on the convulsive performance of bemegride

SOURCE: AN LatSSR. Izvestiya, no. 1, 1964, 59-62

TOPIC TAGS: analeptic drugs, bemegride, convulsion, monoamine oxidase, monoamine oxidase inhibitor, hydrazide, benzylhydrazide of lactic acid, yprazide, transamine, adrenergic processes, reserpine, pyrogallol, aminazine

ABSTRACT: The present investigation was undertaken to study the relationship between the role of the analeptic drug bemegride in causing convulsions, and the effect of certain monoamineoxidase inhibitors, such as benzylhydrazide of lactic acid, isopropylhydrazide, yprazide, transamine, imypramine, reserpine, and pyrogallol. The tests were conducted using the technique x^2, as described by M. L. Belen'kiy (Elementy* kolichestvennoy otsenki farmakologicheskogo effekta. Riga, 1959), with the participation of the staff of the department of pharmacology of the Riga Medical Institute. In the first series of experiments, conducted on 600 white mice, isopropylhydrazide, benzylhydrazide yprazide, and transamine were injected

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ACCESSION NR: AP4024552

intraperitoneally in respective doses of 100, 25, 100, and 10 mg/kg, following which 20 mg/kg of bemegride were introduced intraperitoneally after 3, 12, 24, or 48 hours. It was observed, that in the 3-hour interval injection all inhibitors facilitated the onset of clonic convulsions. In the 24-hour interval injection only the benzylhydrazide of lactic acid exhibited an enhancing effect on the onset of convulsions, with 16 mice out of 20 being afflicted, as against 8 for the controls. In the second series of experiments, the bemegride was introduced intraperitoneally to mice within one hour following the intraperitoneal administration of 50 mg/kg imypramine or 10 mg/kg aminazine, or within 2 hours after the administration of 50 mg/kg of either ypramine or pyrogallol, or following 3 hours after the administration of either 2.5 mg/kg reserpine or of 200 mg/kg pyrogallol. It was found that reserpine, as well as pyrogallol, facilitated the onset of clonic convulsions by bemegride. In the third series of experiments, 30 mg/kg Bemegride were introduced intraperitoneally to mice after a 3-hour interval following the administration in the same manner of benzylhydrazide of lactic acid, of yprazide, or of transamine. While transamine proved practically ineffective, the administration of benzylhydrazide of lactic acid and of yprazide resulted in a marked increase in the number of mice afflicted with tonic convulsions, with most cases being fatal. It is concluded that the facilitating effect on the onset of tonic convulsions

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ACCESSION NR: AP4024552

seems to be restricted to the monoamineoxidase inhibitors which contain the hydrazine group. Orig, art. has: 2 tables.

ASSOCIATION: Institut organicheskogo sinteza AN Latv. SSR (Institute of Organic Synthesis AN Latvian SSR)

SUBMITTED: 05Jul63   DATE ACQ: 23Mar64   ENCL: 00

SUB CODE: MA   NO REF SOV: 001   OTHER: 007

Card 3/3

SHIRINA, K.F.

Rukodelie v detskom dome. (Iz opyta
raboty prepodavatelia po shit'iu i rukodeliiu) (Needle-
work in an orphanage; work practice of a teacher of
sewing and needlework). Moskva, Uchpedgiz, 1953. 151 p.

SO: Monthly List of Russian Accessions, Vol. 7, No. 5, August 1954

KULICHENKO, V.F.; KOVYESHINA, I.B.; VOYEYKOVA, I.S.; SHIRINA, K.F.; BUGEL'SKIY,
Yu.A.

[Skillful hands; organisation and work of the "Skillful Hands" club] Umelye
ruki. Organizataiia i sodershanie raboty kruzhka "Umelye ruki." Izd-vo
TsK VLKSM "Molodaia gvardiia", 1953. 286 p.   (MLRA 6:11)
                                                          (Manual training)

TYUTINA, M.I.; PONOMAREVA, V.A.; POKROVSKAYA, I.I.; SHIRINA, M.B.;
MAVRINA, R.I.; OGIL'KO, M.K.; OCHEREDNYUK, L.L.; YEGUNOVA, M.P.

Effectiveness of ambulatory treatment of patients with sutured
penetrating gastric ulcer at Yessentuki Health Resort. Sbor. nauch.
rab. vrach. san.-kur. uchr. profsoiuzov no.1:114-117 '64.

(MIRA 18:10)

1. Yessentukskaya kurortnaya poliklinika (glavnyy vrach zasluzhennyy
vrach RSFSR T.A.Gusikova).

1. I. V. LARIN, M. F. SHIRINA

2. USSR (600)

4. Alfalfa - Leningrad Province

7. Characteristics of the biology and cultivation practices of alfalfa in
    Leningrad Province. Korm. baza 4 no. 1. 1953.

9. Monthly List of Russian Accessions, Library of Congress, ___April___ 1953, Uncl.

KHODZHAYEV, L.Sh.; SHIRINBEKOV, I.M.

Solving the equations of the static elastic field in the
class of generalized functions. Dokl. AN Tadzh. SSR no.21:79-82
'57.   (MIRA 11:7)

1.Tadzhikskiy gosudarstvennyy universitet im. V.I. Lenina.
Predstavleno akademikom AN Tadzhikskoy SSR S. Yusupovoy.
        (Elasticity) (Differential equations, Partial)

SHIRINBEKOV, M.

Application of Fourier's transform method to the construction
of fundamental solutions for some systems of differential equations
with constant coefficients. Dokl. AN Tadzh. SSR 1 no.3:9-12 '58
                                                (MIRA 13:3)
1. Otdel fiziki i matematiki AN Tadzhikskoy SSR. Predstavleno
akademikom AN Tadzhikskoy SSR S.U. Umarovym.
        (Differential equations)

SHIRINBEKOV, M.

> Runge regions in a space of many complex variables. Dokl.AN
> SSSR 145 no.1:45-47 Jl '62.   (MIRA 15:7)
>
> 1. Matematicheskiy institut imeni V.A.Steklova AN SSSR.
> Predstavleno akademikom N.N.Bogolyubovym.
>   (Functions of complex variables)

S/859/61/109/000/002/003
D234/D308

AUTHOR: Shirinbekov, M.

TITLE: Application of Fourier transformations to the construc-
             tion of fundamental solutions of the systems of equa-
             tions of the theory of elasticity

SOURCE: Akademiya nauk Tadzhikskoy SSR. Trudy. v. 109, 1961.
             Sbornik statey Tadzhikskogo respublikanskogo matema-
             ticheskogo obshchestva, v. 1, 92 - 98

TEXT: Using Fourier transformations for generalized functions the
author solves the stationary equations

$$(\lambda + \mu)\frac{\partial}{\partial x_j}\left(\frac{\partial u_1}{\partial x_1} + \frac{\partial u_2}{\partial x_2} + \frac{\partial u_3}{\partial x_3}\right) + \quad (1)$$

$$+ \mu \Delta u_i + \omega^2 u_i = -4 = c_i \delta(x_1, x_2, x_3),$$
$$(i = 1, 2, 3),$$

$(c_1 = 1,\ c_2 = c_3 = 0)$, obtaining

Card 1/4

Application of Fourier transformations... D234/D308

$$u_1 = \frac{3x_1^2 - r_s^2}{r_s^5}\left[\frac{r_s}{i\omega}\left(e^{i\frac{\omega}{b}r_s} - e^{i\frac{\omega}{a}r_s}\right) + \frac{1}{\omega^2}\left(e^{i\frac{\omega}{b}r_s} - e^{i\frac{\omega}{a}r_s}\right)\right] +$$

$$+ \frac{x_1^2}{r_s^3}\left(e^{i\frac{\omega}{a}r_s} - e^{i\frac{\omega}{b}r_s}\right) + \frac{e^{i\frac{\omega}{b}r_s}}{b^2 r_s},$$

$$u_2 = \frac{x_1 x_2}{r_s^3}\left(e^{i\frac{\omega}{a}r_s} - e^{i\frac{\omega}{b}r_s}\right) + \frac{3x_1 x_2}{i\omega r_s^4}\left(e^{i\frac{\omega}{a}r_s} - e^{i\frac{\omega}{b}r_s}\right) +$$

$$+ \frac{3x_1 x_2}{\omega^2 r_s^5}\left(e^{i\frac{\omega}{b}r_s} - e^{i\frac{\omega}{a}r_s}\right),$$

$$u_2 = \frac{x_1 x_2}{r_s^3}\left(e^{i\frac{\omega}{a}r_s} - e^{i\frac{\omega}{b}r_s}\right) + \frac{3x_1 x_2}{i\omega r_s^4}\left(e^{i\frac{\omega}{a}r_s} - e^{i\frac{\omega}{b}r_s}\right) +$$

$$+ \frac{3x_1 x_2}{\omega^2 r_s^5}\left(e^{i\frac{\omega}{b}r_s} - e^{i\frac{\omega}{b}r_s}\right).$$

Card 2/4

Application of Fourier transformations...

S/859/61/109/000/002/003
D234/D308

also the dynamical equations

$$(\lambda + \mu) \frac{\partial}{\partial x_i} \left(\frac{\partial u_1}{\partial x_1} + \frac{\partial u_1}{\partial x_2} + \frac{\partial u_1}{\partial x_3} \right) + \mu \Delta u_i = \frac{\partial^2 u_i}{\partial t^2} \tag{1}$$

$$(i = 1, 2, 3)$$

with the initial conditions

$$(u_1 = u_2 = u_3)_{t=0} = 0,$$

$$\left(\frac{\partial u_1}{\partial t} \right)_{t=0} = \lambda (x_1, x_2, x_3), \quad \left(\frac{\partial u_2}{\partial t} \right)_{t=0} = \left(\frac{\partial u_3}{\partial t} \right)_{t=0} = 0 \Big\} \tag{2}$$

obtaining

$$u_1 = \frac{t}{8\pi} \frac{\partial^2 r_x^{-1}}{\partial x_1^2} \left[sign\,(a\,t - r_x) - sign\,(b\,t - r_x) \right] +$$

$$+ \frac{1}{4\pi r_x} \left(\frac{\partial r_x}{\partial x_1} \right)^2 \left[\frac{\lambda(a\,t - r_x)}{a} - \frac{\lambda(b\,t - r_x)}{b} \right] + \frac{1}{4\pi b r_x} \lambda\,(b\,t - r_x).$$

$$u_2 = \frac{t}{8\pi} \frac{\partial^2 r_x^{-1}}{\partial x_1 \partial x_2} \left[sign\,(a\,t - r_x) - sign\,(b\,t - r_x) \right] +$$

$$+ \frac{1}{4\pi r_x} \frac{\partial r_x}{\partial x_1} \frac{\partial r_x}{\partial x_2} \left[\frac{\lambda(a\,t - r_x)}{a} - \frac{\lambda(b\,t - r_x)}{b} \right].$$

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S/859/61/109/000/002/003
Application of Fourier transformations ...D234/D308

$$n_3 = \frac{t}{8\pi} \frac{\partial^2 r^{-1}}{\partial x_1 \partial x_3} \left[sign\, (a\,t - r_x) - sign\, (b\,t - r_x) \right] +$$

$$+ \frac{1}{4\pi r_x} \frac{\partial r_x}{\partial x_1} \frac{\partial r_x}{\partial x_3} \left[\frac{b(a\,t - r_x)}{a} - \frac{b(b\,t - r_x)}{b} \right].$$

The author thanks L.Sh. Khodzhayev for his assistance.

Card 4/4

VLADIMIROV, V.S. (Moskva); SHIRINBEKOV, M. (Moskva)

Construction of holomorphy envelopes for Hartogs regions. Ukr.
mat. zhur. 15 no.2:189-192 '63.   (MIRA 16:9)

SHIRINBEKOV, M.

    Construction of envelopes of holomorphy for semitubular regions.
    Dokl. AN SSSR 159 no.3:523-524 N '64   (MIRA 18:1)

    1. Predstavleno akademikom N.N. Bogolyubovym.

SHIRINENKO, K., polkovnik; SHTIVEL'BAND, M., polkovnik; RAFFE, Ye., polkovnik.

Electric case with sand. Voen.vest. 36 no.11:43-46 N '56.
(MIRA 10:2)

(Sand tables (Military science))

8(3)   SOV/112-59-1-551

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 1, p 72 (USSR)

AUTHOR: Shirinkin, A. A.

TITLE: Bus Supports for Multibar Buses

PERIODICAL: V sb.: Energ. str-vo. Vol 3, M.-L., 1958, p 37

ABSTRACT: A bus-support construction is examined in which the intermediate
copper shims are replaced by steel washers 10-mm thick and 55-60-mm
diameter; spacing washers are made of 1/2" gas pipe (11-mm high) which
ensures free movement of the bus. This substitution resulted in a saving of
3. 1 kg of copper per one bus support in the generator-bus structure at the
Voroshilovgrad regional electric station.

S.S.L.

Card 1/1

SHIRINKIN,Andrey Dmitriyevich; SEDOV, F.G., redaktor; MASLYAKOV, V.N.
retsenzent; VINOGRADOVA, N.M., redaktor; BEGICHEVA, M.N., tekhni-
cheskiy redaktor.

[Towing rafts on rivers] Vozhdenie pletov po rekam. Moskva, Izd-ve
"Rechnoi transport", 1955.114p.
                                               (MLRA 9:4)
          (Lumbering) (Towing)

SHABOLKIN, L.M.; SHIRINKIN, A.D.; IVANOV, Yu.I.

Towing rafts with rigging of increased holding force. Mech.
transp. 18 no.5:17-18 My '59.   (MIRA 12:9)
        (Lumber--Transportation) (Towing)

MASLYAKOV, Vasiliy Nikolayevich; ARNSHTEYN, G.E., retsenzent; SHIRINKIN,
A.D., retsenzent; SHARAPOV, V.N., red.; YEREMEYEV, P.G., red.;
FEDYAYEVA, N.A., red. izd-va; RIDNAYA, I.V., tekhn. red.

[Raft towing]Buksirovka plotov. Moskva, Izd-vo "Rechnoi tran-
sport," 1962. 185 p.   (MIRA 15:12)
            (Towing)   (Rafts)

NIKOLIN, A.V., glav. revizor po bezopasnosti sudokhodstva, red.;
        PIROZHKOV, N.I., kapitan-nastavnik, red.; POLETAYEV,
        L.A., kapitan-nastavnik, red.; KOZIN, N.A., kapitan,
        red.; KUZNETSOV, B.Yu, kapitan, red.; TARASOV, A.G.,
        kapitan, red.; VYKHODTSEV, P.K., red.; PER'YAKOV, V.V.,
        red.; SIDOROV, F.G., red.; SOLOV'YEV, V.B., red.;
        SHIRINKIN, A.D., red.; SHCHEPETOV, I.A., red.; SMIRNOV,
        F.A., red.; KOSTIN, V.F., red.; SAVOSTIN, N.D., red.;
        FILYASOV, K.A., red.; IVANOV, A.I., red.; LOBANOV, Ye.M.,
        red.izd-va; REMNEVA, T.T., tekhn. red.

        [Rules for the navigation on inland shipping routes of the
        R.S.F.S.R.] Pravila plavaniia po vnutrennim sudokhodnym
        putiam RSFSR. Vvedeny v deistvie s 15 marta 1963. g. pri-
        kazom ministra rechnogo flota No.33 ot 28 fevralia 1963. g.
        Moskva, Izd-vo "Rechnoi transport," 1963. 98 p.
                                          (MIRA 16:6)
        1. Russia (1917- R.S.F.S.R.) Ministerstvo rechnogo flota.
                (Inland navigation—Laws and regulations)

AUTHORS: Amelin, V. G., and Shirinkin, A. V.   SOV/28-59-1-10/29

TITLE: The Mechanical Letter and Number Marking of Metal
              (Mekhanicheskaya bukvenno-tsifrovaya markirovka metalla)

PERIODICAL: Standartizatsiya, 1959, Nr 1, pp 36 - 37 (USSR)

ABSTRACT: This is a reprint of an article from the Soviet Journal
              "Vestnik Sovnarkhoza", # 5 - 6, 1958, in which a machine
              for the mechanical marking of letters and numbers on
              metal is described. There is one photo, one set of diagrams,
              1 table.

Card 1/1

MEN'SHCHIKOV, Boris Aleksandrovich; SHIRINKIN, Igor' Konstantinovich;
FROLOVA, Ye.I., red.izd-va; SHKLYAR, S.Ya., tekhn.red.;
GALANOVA, V.V., tekhn.red.

[Determining the capacity of the main drive of dredges] Metodika
opredeleniia moshchnosti glavnogo privoda drag. Moskva, Gos.
nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 42 p.
                                                   (MIRA 14:2)

        (Dredging machinery)

CHIRLMIN, K.S. (Okhansk)

Planning of production costs in the clothing industry. Shvein.
prom. no.4:20 Jl-Ag '63.   (MIRA 16:9)

1. SHIRINKIN, N. A.: LOZOVSKIY, A. T.: RUVINSKIY, I. M.

2. USSR (600)

4. Lignite

7. Improved method of preliminary drying of lignite before milling.
   Elek.sta. 23 no. 11 1952

9. Monthly List of Russian Accessions, Library of Congress, Febfuary 1953.
   Unclassified.

130-58-3-7/21

AUTHORS: Babadzhan, A.A., Aglitskiy, V.A., Shreyber, K Ya., Galimov, M D. and Shirinkin, N.A.

TITLE: System for feeding coal dust into a converter used for pyroselection (Sistema podachi ugol'noy pyli v konverter dlya protsessa piroselektsii)

PERIODICAL: Tsvetnyye Metally, 1958, Nr.3., pp. 38 - 46 (USSR)

ABSTRACT: The authors describe preliminary investigations at the Kirovgradskiy copper-smelting works before the adoption of its pyroselection method which involves the injection into the converter of coal dust at a fixed rate in relation to the air flow (pressure 0.7 - 1.0 atm gauge) The initial system involved pressurization of the bunker, but later an atmospheric pressure design, as tested at the Krasnoural'sk copper-smelting works was adopted and incorporated in the full-scale installation commissioned in August 1955. The installation (fig.1.) consists of the following parts, each of which is described and discussed. The pneumatic screw pump has an adjustable speed of revolution and a pump (fig.2.), the latter being based on one made by the Pavshinskiy mechanical works; a KSE-6 compressor supplies compressed air. The air/dust mixture (5-10 kg coal dust per kg air) moves to the converter at 12-15 m/sec. A critical part of the installation is the air and gas distribution system near and in the converter; here a blind-pass collector (fig.4) proposed by N.A. Shirinkin, M.D. Galimov and A.A. Babadzhan, and designed with the

Card 1/2

System for feeding coal dust into a converter used for pyroselection.   136-58-3-7/21

participation of M.D. Galimov, Ye.A. Verkhoturova and B.P Smorodyakov was found to give even feed to all the tuyeres. An ejector type of tuyere with individual air and air/coal feeds, proposed and designed by M.D. Galimov, A.A. Babadzhan, B.P. Smorodyakov, S.Yu. Musikhin and A.A. Verkholetov was chosen (fig.7). To avoid air losses during tuyere clearing a ring seal designed by S.M. Popov, Engineer, is used. The authors recommend the system described for other processes requiring the injection of coal dusts into a fused mass. There are 7 figures.

AVAILABLE: Library of Congress.

1. Coal dust-Applications   2. Fuels-Control systems

Card 2/2

ISERSON, K.G.; Prinimali uchastiye: SHIRINKIN, N.P.; RIMM, E.R.;
OGORODNIKOV, V.L.

Mechanical properties of LK-80-3L brass at high temperatures.
(MIRA 15:11)
Lit. proizv. no.8:37 Ag '62.
(Brass founding) (Metals at high temperatures)

SHILININ, V.A., inzh.

Bottom heating arrangement in the soaking zone of a holding furnace.
Stal' 20 no.6:567-568 Je '60.   (MIRA 14:2)

1. Kuznotskiy metallurgicheskiy kombinat.
(Furnaces, Heating)

137-58-1-701

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 1, p 106 (USSR)

AUTHOR: Shirinkin, Ye. A.

TITLE: Experience in the Deep Drawing of Thin Sheet Parts (Opyt glubokoy vytyazhki tonkolistovykh detaley)

PERIODICAL: V sb.: Progressiv. tekhnol. kholodnoshtamp. proiz-va Moscow-Leningrad, Mashgiz, 1956, pp 188-193

ABSTRACT: An examination is made of experience in the employment of a pack of sheet blanks (B) for simultaneous deep drawing of a number of details. The multiple-layer B may consist of a number of sheet B of identical or different thickness. Special problems in the design of dies for drawing thin sheet B are examined.

Ya.O.

Dies--Design

Card 1/1

TOLSTOGUZOV, N. V., KONOVALOV, K. N., GLAZOV, A. N., TEDER, L. I., DANILOV, P. M.,
SHIRINKIN, E. N. and GUDAYEVICH, M. G.

"Vacuum Treatment of the MX 15-Steel and Commercial Experience of
the Vacuum Transformer Steel Treatment."

paper presented at Second Symposium on the Application of Vacuum Metallurgy.

1 - 6 July, 1958, Moscow

SHIKINKIN, Ye. N., TOLSTOGUZOV, N. V., KONOVALOV, K. N., GLAZOV, A. N., CHUDOYEVICH, P M. G., DANILOV, P. M. and TEDER, L.I.

"Vacuum Treatment of Molten Transformer Steel and of ShKh15 Steel." (A. S.Shtepa, L. S. Klimasenko, P. S. Plekhanov, V. I. Mesyats, V. Ye. Pashchenko and P . A. Mironov, participated in the work.

p. 196, in book Primeneniye vakuuma v metallurgii (Use of Vacuum in Metallurgy) Moscow, Izd-vo AN SSSR, 1960. 334 p.

The book contains information on steel melting in vacuum induction furnaces, and vacuum arc furnaces, reduction processes in vacuum, and edgassing of steel and alloys. The functioning of apparatus and equipment, especially vacuum furnaces and vacuum booster pumps are also analyzed.

PUGACHEV, A.V., inzh.; BASHKOV, V.A., inzh.; YAMPOL'SKIY, A.M., inzh.;
       Prinimali uchastiye: SHIRINKIN, Ye.N., inzh.; BARASH, L.I., inzh.;
STROKOV, I.N., inzh.

Continuous control of sintering by gamma rays. Stal' 23 no.3:
195-197 Mr '63.   (MIRA 16:5)
       (Sintering) (Gamma rays—Industrial applications)

L 18463-63   EWP(q)/EWT(m)/BDS   AFFTC/ASD   JD
                                                 s/0124/63/000/008/V037/V03?
ACCESSION NR: AR3006450

SOURCE: RZh. Mekhanika, Abs. 8V230   53

AUTHOR: Shirinkulov, T.

TITLE: Solutions of the plane problem of the theory of creep in the presence of
volume forces

CITED SOURCE: Sb. Vopr. energ., avtomatiki, mekhan. i gorn. dela. Tashkent.
AN UzSSR, 1962, 167-169

TOPIC TAGS: creep, creep theory, body force, volume force, Volterra equation,
Poisson coefficient, biharmonic operator

TRANSLATION: The quasistatic plane problem of the theory of creep of a homogenous
isotropic medium taking account of aging and past history, with variable components
of the volume forces, $X(x,y)$ and $Y(x,y)$ is studied. The linear integral depen-
dence of the theory of creep of the N. Kh. Arutyunian type (Some Questions in the
Theory of Creep, A.-L. Gostekhizdat, 1952) is used as the basic physical relation.
It is assumed that the Poisson coefficient and the after effect kernel which cor-
responds to it do not depend on time. It is established by consideration of the

Card 1/2

L 18463-63
ACCESSION NR: AR3006450 O

Integro-differential equation of the Volterra type, with biharmonic operators which define the stress function, that the components of the stress, taking account of the creep, will coincide with the corresponding components which satisfy the elastic-instantaneous condition if any one of the following conditions are fulfilled: 1) $X = X(y)$, $Y = Y(x)$; 2) $X = X(x)$, $Y = Y(y)$; 3) $X = X(x) + X(y)$, $Y = Y(x) + Y(y)$; 4) the functions X and Y are partial derivatives of some harmonic function U, that is, $X = -\partial U/\partial x$, $Y = -\partial U/\partial y$. M. I. Rozovskiy

DATE ACQ: 29Aug63   SUB CODE: AP, ML   ENCL: 00

Card   2/2   /

SHIRINKULOV, T.

Solution of the two-dimensional contact problem in the theory of creep in the presence of friction forces. Izv. AN Uz. SSR. Ser. tekh. nauk 7 no.5:35-45 '63. (MIRA 17:2)

1. Institut mekhaniki AN UzSSR.

BADALOV, F.; SHIRINKULOV, T.

Calculation of the effect of local tangential and normal loads on
an inhomogeneous plate fastened at the bottom. Vop. vych. mat. i
tekh.. no.3:3-16 '64.
(MIRA 18:9)

ACC NR: AP7010706   SOURCE CODE: UR/0167/66/000/005/0027/0032

AUTHOR: Shirinkulov, T.; Dasibekov, A.

ORG: Institute of Mechanics and Computing Center, AN UzSSR (Institut
mekhaniki i Vychislitel'nyy tsentr AN UzSSR)

TITLE: Solution of the one-dimensional problem of compaction for a
three-phase soil medium with nonlinear creep taken into account

SOURCE: AN UzSSR.   Izvestiya. Seriya tekhnicheskikh nauk, no. 5, 1966,
27-32

TOPIC TAGS: soil mechanics, soil physics

SUB CODE: 08

ABSTRACT: On the basis of the equation of V. A. Florin (Osnovy mekhaniki
gruntov -- Fundamentals of Soil Mechanics -- Moscow 1961) for the relation-
ship between the coefficient of porosity and stress under conditions of
nonlinear creep, the author considers a layer of soil of given thickness
subjected to the effect of an external load which changes at a constant
rate with respect to time.   The solution is reduced to finding the solution
of a nonlinear differential equation for initial and boundary conditions,
and expressions are obtained which are readily programmed for solution by
computer.   A three-curve graphic representing the solution for the case
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ACC NR: AP7010706

of elasticity, for linear creep and nonlinear creep clearly shows that nonlinear creep has an appreciable influence on the stress distribution in the roll.   Orig. art. has: 1 figure and 21 formulas. /JPRS: 40,300/

Card   2/2

SHIRINKULOV, T.

      Calculation of plates on an elastic base with allowance for
latter's creep. Vop. vych. mat. i tekh. no.2:182-196 '64.
                                     (MIRA 18:12)

L 08475-67   EWT(d)/EWT(m)/EWP(w)   LJP(c)   EM .

ACC NR: AR6016474   SOURCE CODE: UR/0124/65/000/012/V034/V034

AUTHOR: Shirinkulov, T. V,

TITLE: Solution of the plane contact problem with regard to creep for bodies which are nonhomogeneous with respect to depth

SOURCE: Ref. zh. Mekhanika, Abs. 12V270

REF SOURCE: Sb. Vopr. mekhaniki. Vyp. 2. Tashkent, Nauka, 1965, 84-100

TOPIC TAGS: contact stress, creep, plane flow, elasticity

ABSTRACT: The problem indicated in the title is solved assuming initial integral physical relationships of the type given by N. Kh. Arutyunyan (see Prikl. matem. i mekhan., 1959, 23, No. 5, 901-924 - RZhMekh, 1960, No. 5, 6448) for the case where the modulus of elasticity increases with depth according to a power law and Poisson's ratio is a linear-fractional function of the exponent of nonlinearity. In the case of contact without friction and adhesion, the problem leads in an ordinary manner to solution of a linear Volterra's integral equation of the second kind with respect to an integral operator acting on normal pressure with a difference kernel of fractional order (in the general case) characteristic for the corresponding momentary elasticity problem of nonhomogeneous bodies of the given type. Explicit expressions of normal pressure are derived in three special cases: 1) a punch with a flat base parallel to

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L 08475-67

ACC NR: AR6016474   /

the bottom surface; 2) pressure of a circular cylinder; 3) stress under the base of a
strip foundation loaded off center. It is found that creep has no effect on the dis-
tribution of stresses in the first case for rigid punches. In the second case, creep
leads to redistribution of stresses with a time-dependent redistribution factor. The
only effect of creep in the third case is a change in the angle of turn of the founda-
tion with the passage of time. Bibliography of 22 titles. M. I. Rozovskiy. [Trans-.
lation of abstract]

SUB CODE: 20

Card 2/2

GUSEYNOV, G.A.; SOLOMONOV, B.M.; SHIRINOV, A.M.

Lithologic and reservoir properties of arenaceous silt in the
Koun series of the Caspian Sea region. Azerb. neft. khoz.
41 no.11:4-6 N '62.   (MIRA 16:2)
                    (Caspian Sea region—Silt)

AKHRABIYAN, B.A.; GULIYEV, G.A.; SHIRINOV, A.M.

New data on reservoir properties of Paleogene-Miocene sediments
in the Caspian monocline. Neftegaz. geol. i geofiz. no.11:
19-22 '65.   (MIRA 18:12)

1. Institut geologii AN AzSSR.

SHIRINOV, F.B., aspirant; SMIRNOV, M.I.

Infectious conjunctivitis in chickens. Veterinariia 38
no.9:44-45 S '61.   (MIRA 16:8)

1. Azerbaydzhanskiy nauchno-issledovatel'skiy veterinarnyy
institut (for Shirinov). 2. Glavnyy veterinarnyy vrach
Bakinskoy ptitsefabriki (for Smirnov).

B-R

PHASE I BOOK EXPLOITATION   SOV/5962

Vsesoyuznoye soveshchaniye po vychislitel'noy matematike i prime-
    neniyu sredstv vychislitel'noy tekhniki, Baku, 1958.

Trudy (Transactions of the All-Union Conference on Computer Mathe-
    matics and Applications of Computers) Baku, Izd-vo AN Azerbayd-
    zhanskoy SSR, 1961.   254 p.   500 copies printed.

Sponsoring Agency: Akademiya nauk Azerbaydzhanskoy SSR. Vychis-
    litel'nyy tsentr.

Eds.: A.A. Dorodnitsyn, S.A. Aleskerov, and K.F. Shirinov; Ed. of
    Publishing House: A. Til'man; Tech. Ed.: T. Ismailov.

PURPOSE: The book is intended for mathematicians and other spe-
    cialists interested in computer theory and uses for computers.

COVERAGE: The book contains the texts of 24 papers presented at
    the All-Union Conference on Computer Mathematics and Applica-
    tions of Computers held in Baku, 3-8 Feb 1958. The "Resolution"

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25

Transactions of the All-Union (Cont.)   SOV/5962

of the conference, consisting of proposals for accelerating the development of computer mathematics and computer engineering, is also included.

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PART II. COMPUTER TECHNIQUES

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SHISHOV, D. A

22441

Pazvitiye tyeketilvnoy promyshlyennosti azyerbey'zhan.. Tyekstil. Prom-stv. 1949.
No. 9 S.6

SO: LETOPIS No. 34

Ji.ini.i.ir., i., A.

Textile industry and fabrics

Textile mills of Azerbaijan., Tekst. prom; no. 2, 1952.

Monthly List of Russian Accessions, Library of Congress,
March, 1952. U:.CLASSIFIED.

SHIRINOV, D.A.

Light industry of Azerbaijan is increasing its production output.
Tekst. prom. 17 no.4:8-9 Ap '57.   (MIRA 10:4)

1. Ministr legkoy promyshlennosti Azerbaydzhanskoy SSR.
        (Azerbaijan--Manufactures)

R

COUNTRY   : USSR
CATEGORY   : Diseases of Farm Animals. Diseases Caused by
                Bacteria and Fungi
ABS. JOUR.   : RZhBiol., No. 1959, No.

AUTHOR   : Shirinov, F.A.
INST.   :
TITLE   : Effectiveness of a Twofold Allergy Test
                in the Diagnosis of Brucellosis in Sheep.

ORIG. PUB.   : Sots. s. kh. Azerbaydzhana, 1958, No.1, 28-30

ABSTRACT   : The twofold allergy test effected by the author
                on 36,134 sheep showed that at the first inves-
                tigation 911 animals (2.5% of livestock; in the
                individual kolkhozes 0.2-6.1%) reacted to the
                introduction of brucellolysate, and at repeated
                investigation after 24 hours an additional 267
                animals responded (0.7% on the average and 0.1-
                0.7% in the individual kolkhozes). The great
                number of sheep which reacted at the repeated
                investigation indicates the ability of brucello-

CARD: : 1/2

SHIRINOV, F.A.

New data on the tectonics of the northern boundary of the Kura
Lowland. Izv.vys.ucheb.zav.; neft' i gaz 1 no.12:3-7 '58.
(MIRA 12:4)

1. Azerbaydzyanskiy industrial'nyy institut im. M.Azizbekova.
(Kura Lowland--Geology, Structural)

ALIZADE, A.A.; SHIRINOV, F.A.

Lithofacies and correlation of sections of the producing formation
in the northern boundary of the Kura Lowland. Azerb. neft. khoz. 38
no.5:5-8 My '59.   (MIRA 12:9)
        (Kura Lowland--Geology, Stratigraphic)

SHIRINOV, F.A.

Tectonic pattern of the northern margin of the Kura intermountainous
depression. Azerb.neft.khoz. 38 no.12:1-4 D'59.   (MIRA 13:10)
                (Kura Lowland--Geology, Structural)

SHIRINOV, F.A.

Accumulation of sediments in the producing formation of the northern margin of the Kura intermountainous lowland. Azerb. neft. khoz. 39 no.11:3-6 N '60.   (MIRA 13:12)
        (Kura Lowland--Sedimentation and deposition)